

FIG. 1

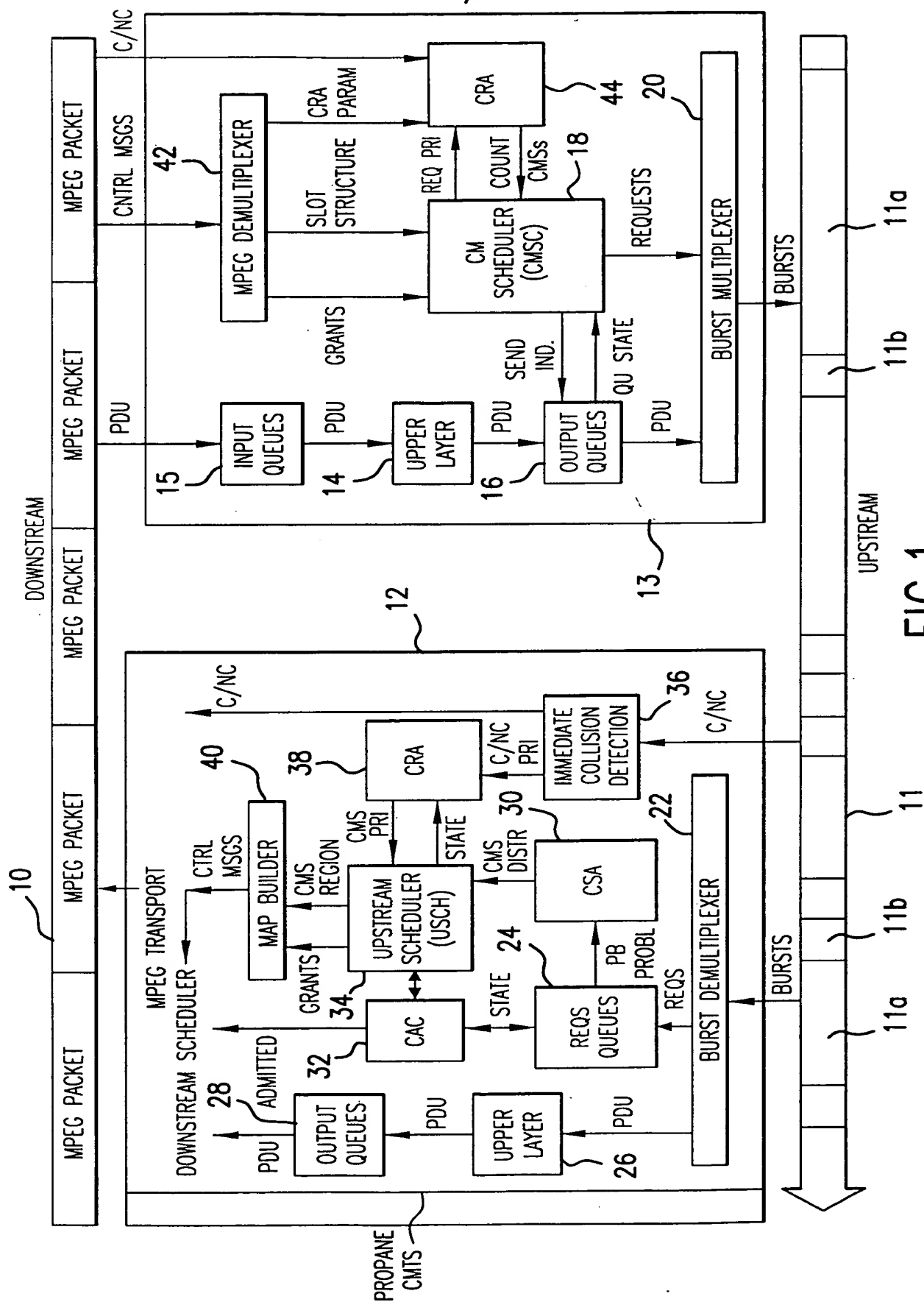
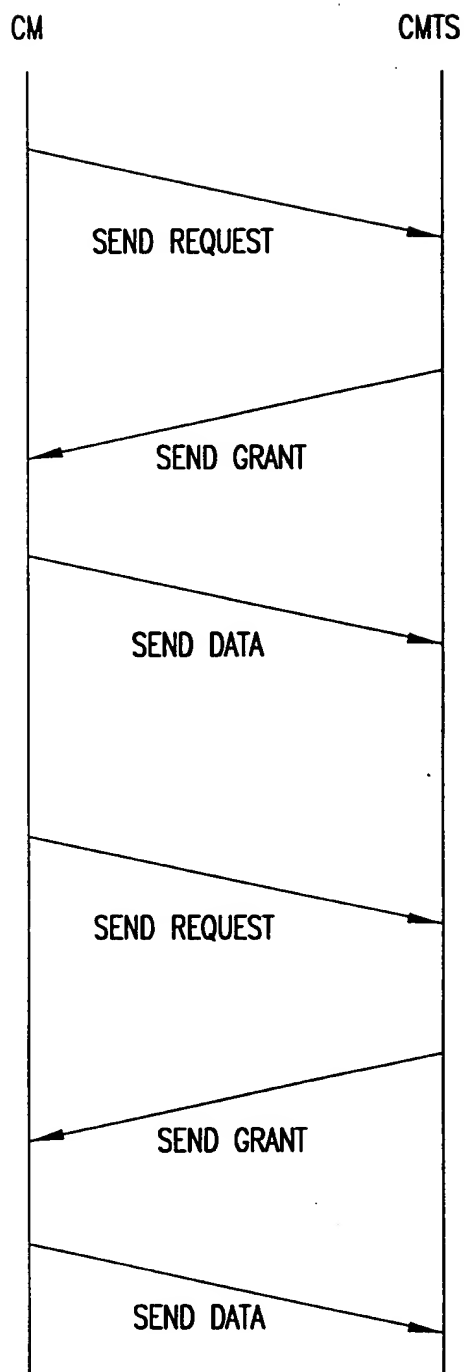
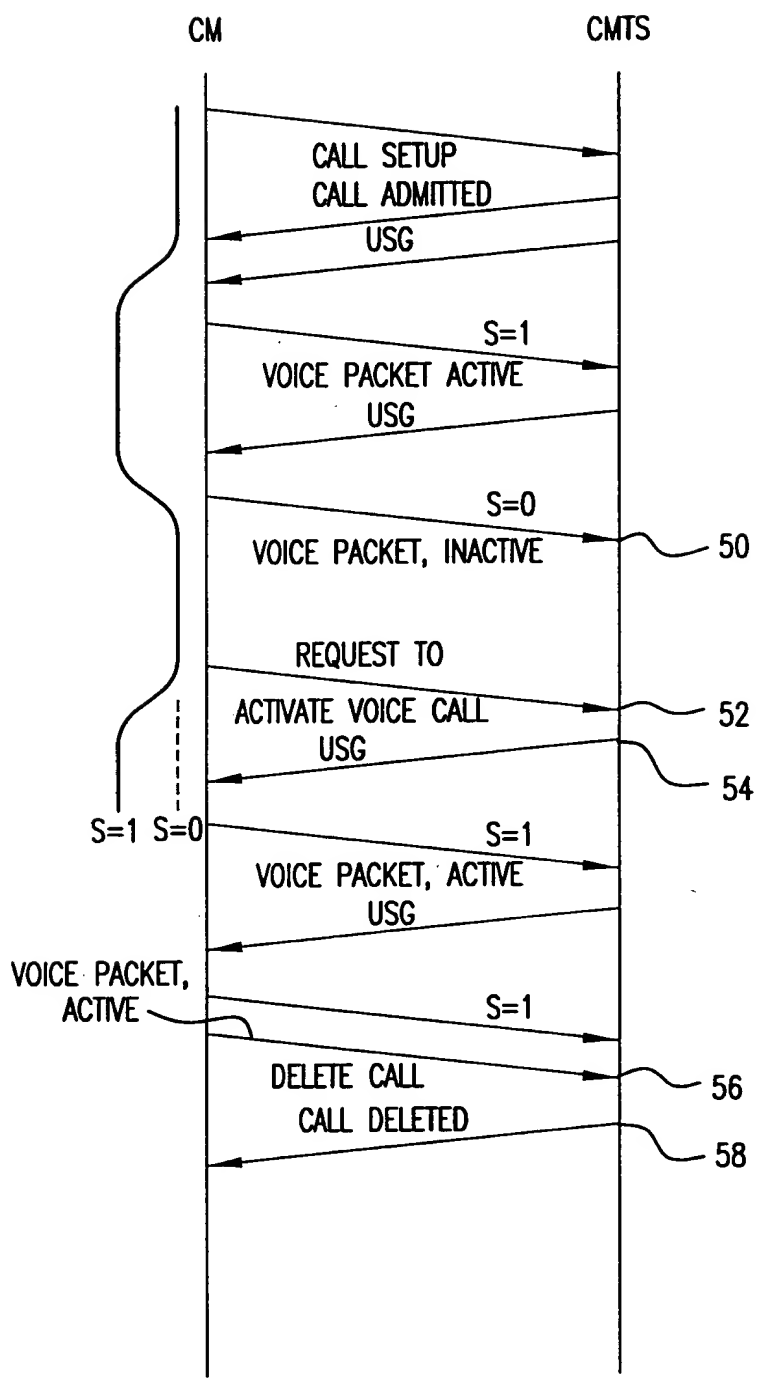


FIG. 1



DATA SERVICE

FIG.2A



VOICE SERVICE

FIG.2B

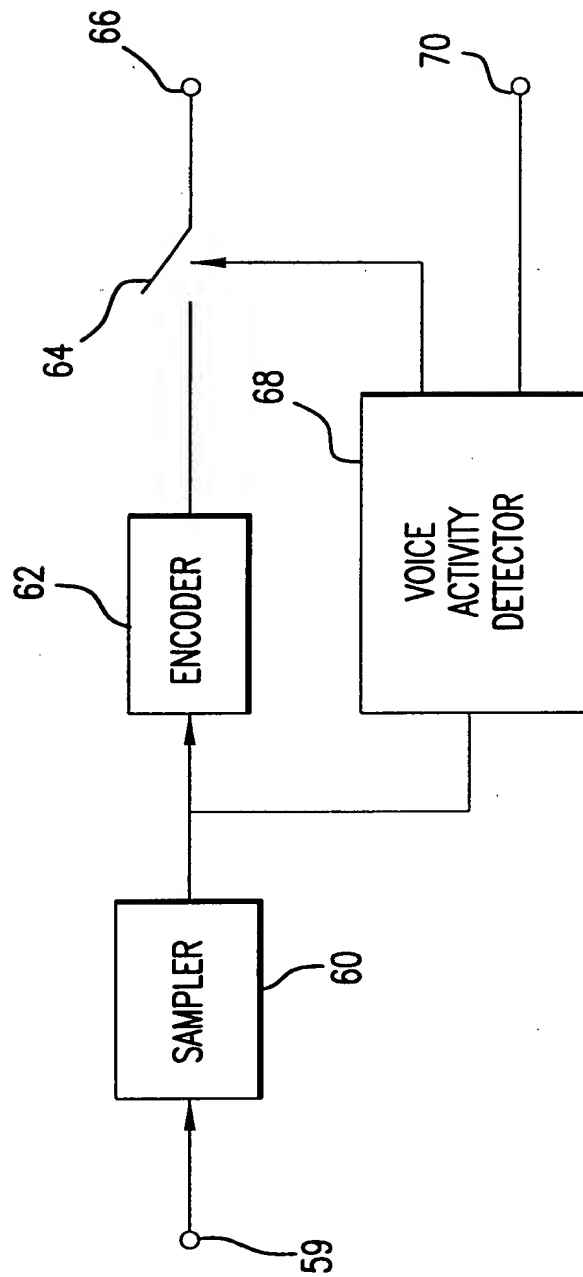


FIG. 3

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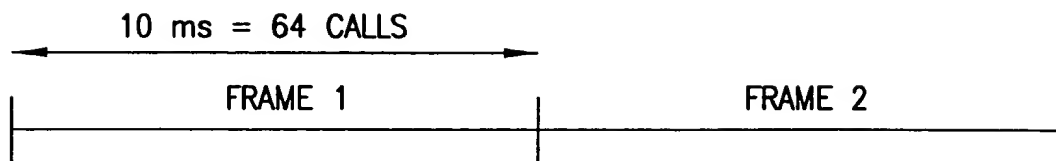


FIG. 4A

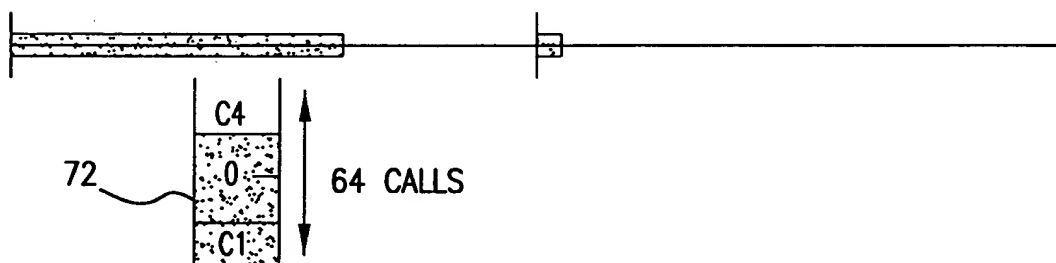


FIG. 4B

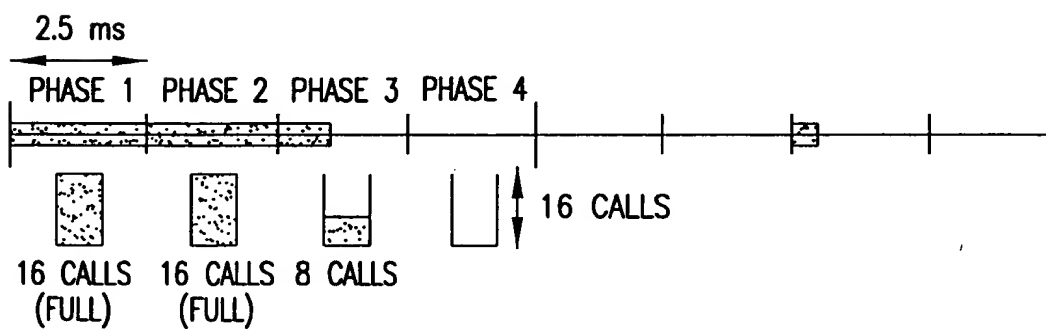


FIG. 4C



FIG. 4D

09785020 081801 108180 02058260

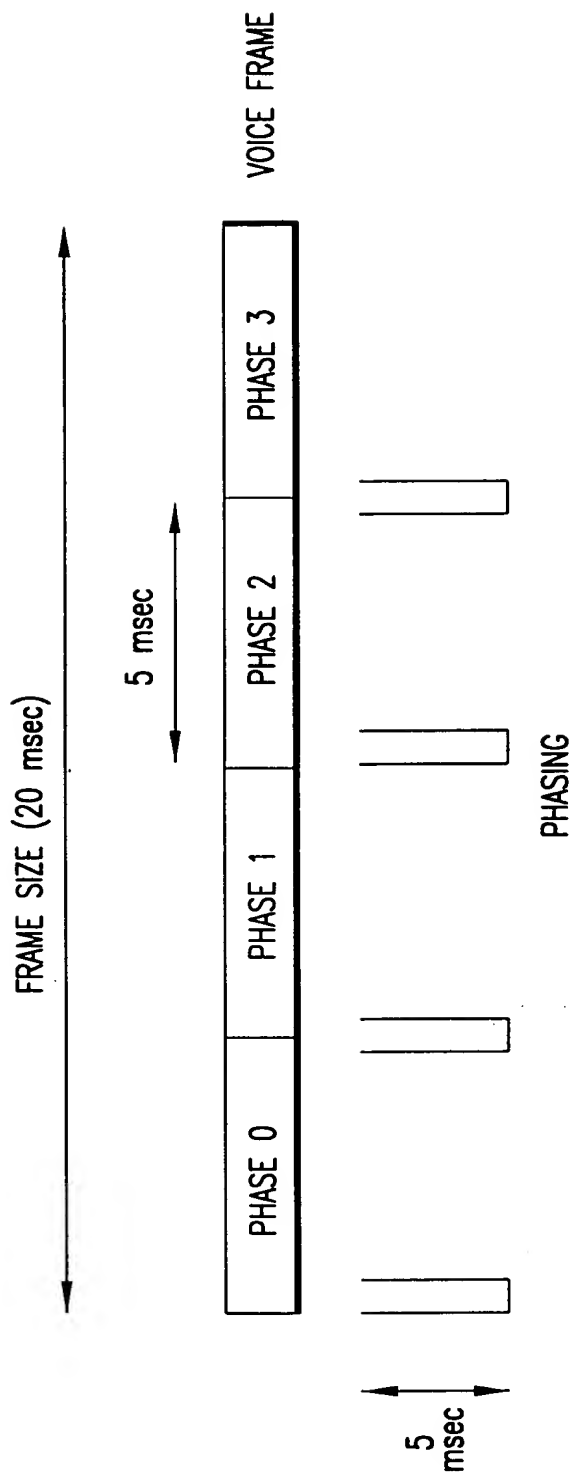


FIG. 5A

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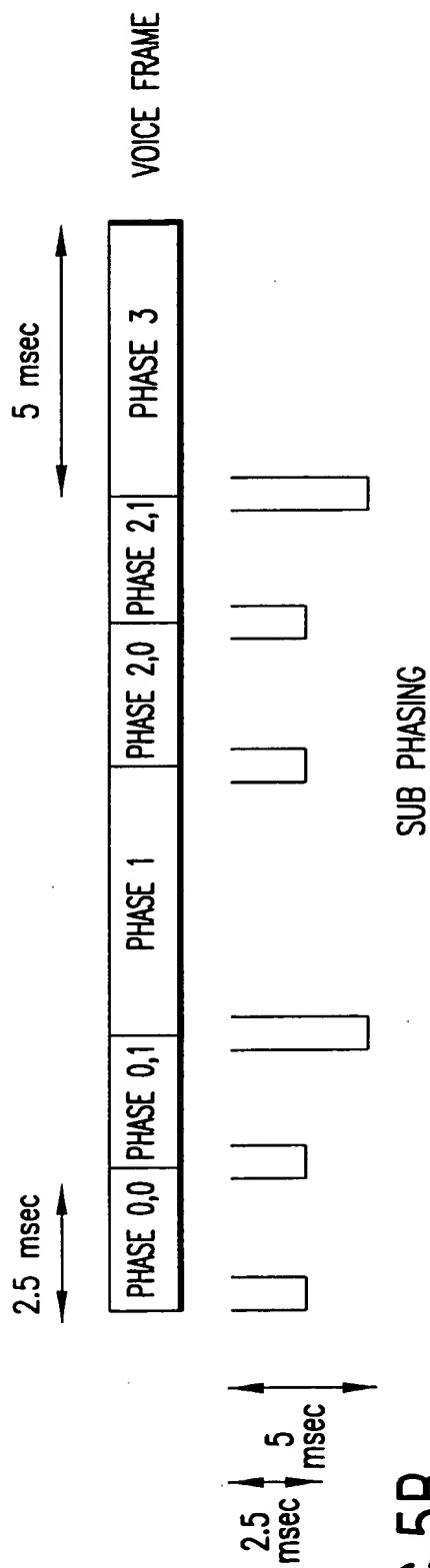


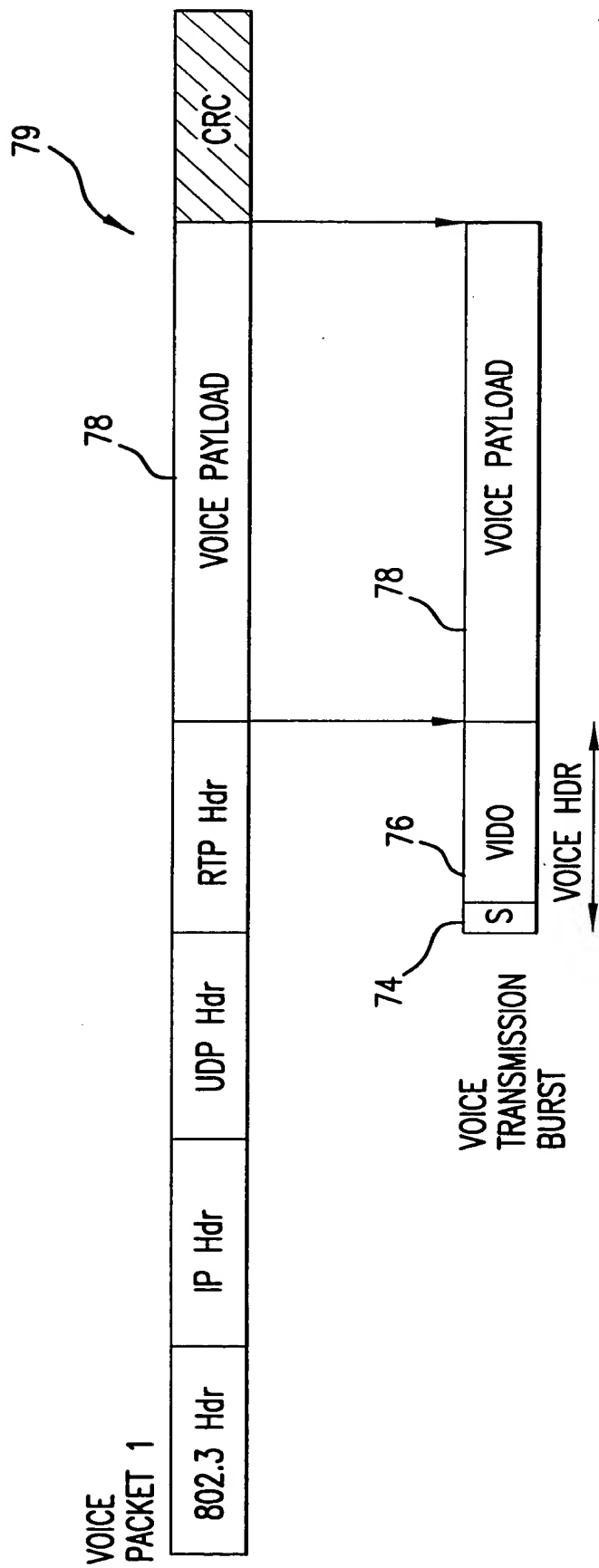
FIG. 5B

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CALL 1: CM1, VIDO: 5ms, 16 Kbps=2 MS (1:0)  
CALL 2: CM2, VIDO: 10ms, 32 Kbps=4 MS (2:0)  
CALL 3: CM3, VIDO: 20ms, 32 Kbps=7 MS (3:0)  
CALL 4: CM4, VIDO: 20ms, 32 Kbps=7 MS (4:0)  
CALL 5: CM1, VID1: 10ms, 16 Kbps=3 MS (1:1)  
CALL 6: CM2, VID1: 10ms, 16 Kbps=3 MS (2:1)

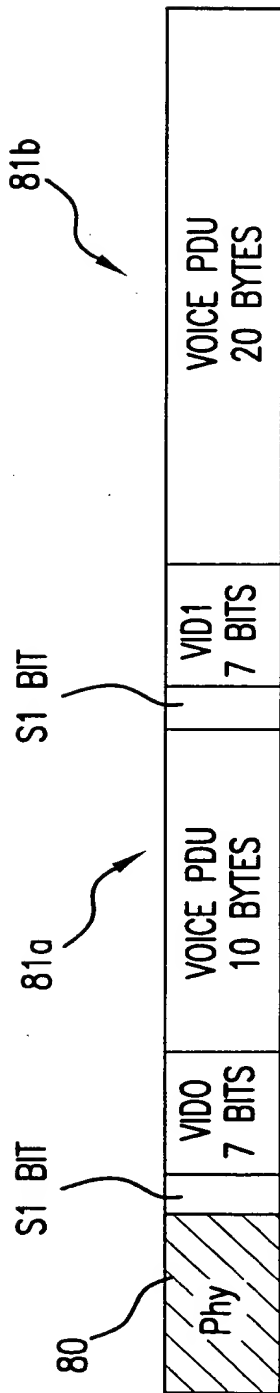
FIG.5C

09785020.081801



MAPPING VoIP PACKETS INTO VOICE PDUs

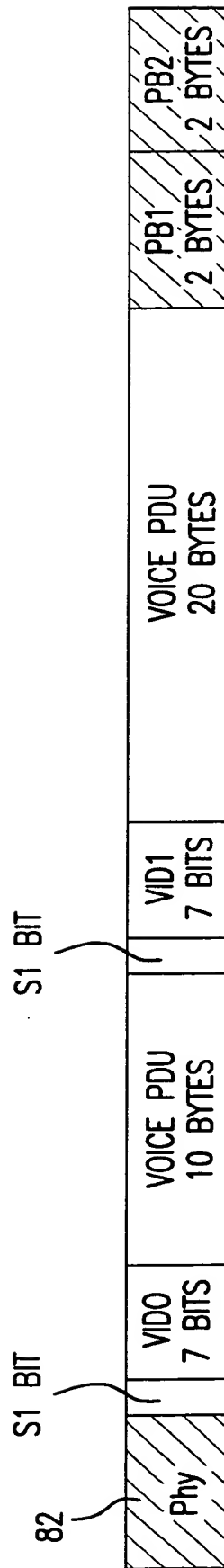
FIG. 6A



CONCATENATION OF TWO VOICE CHANNELS OF DIFFERENT RATES

FIG.6B

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CONCATENATION OF VOICE CHANNELS AND PIGGYBACKING REQUESTS

FIG.6C



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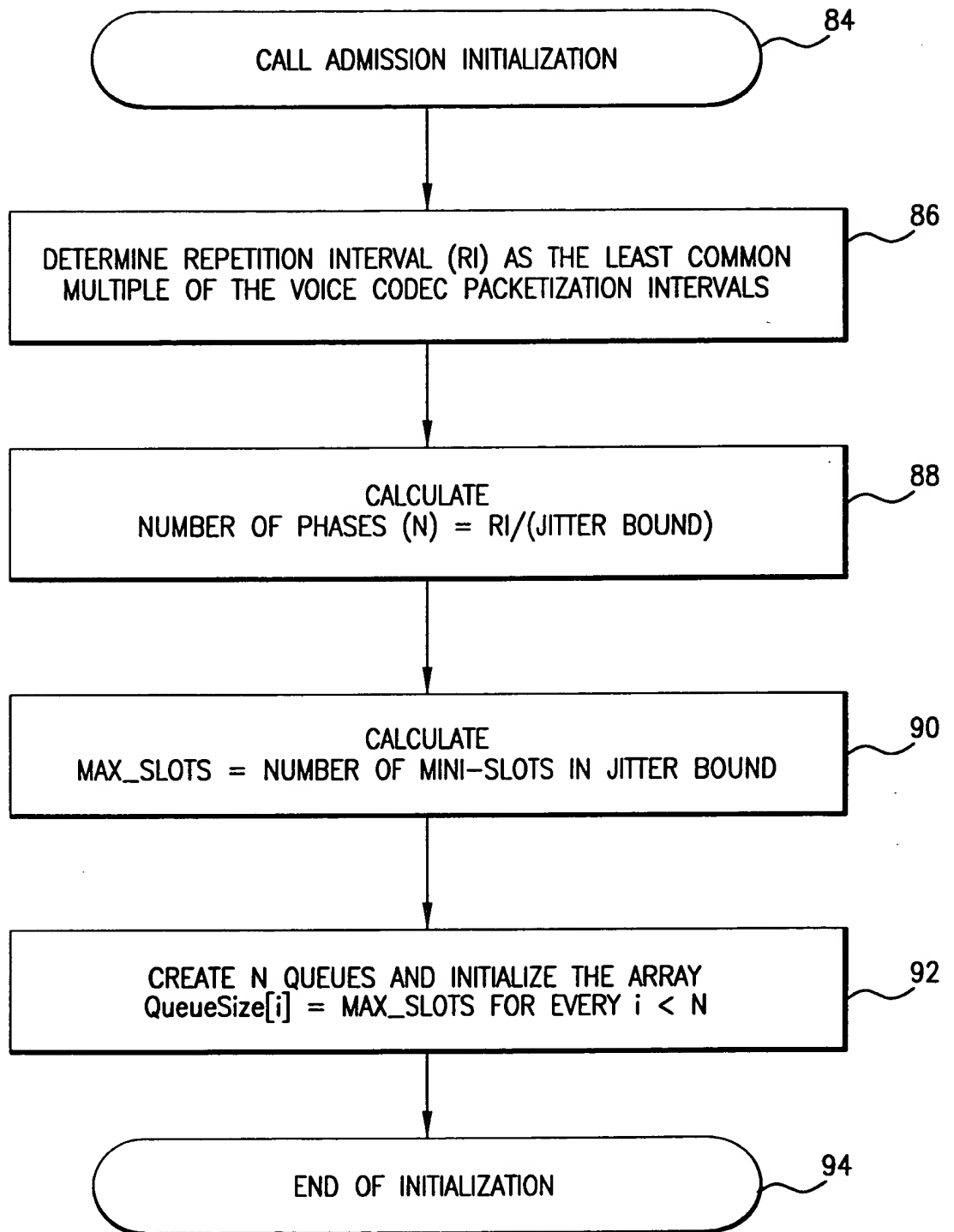


FIG.7

09785020-081801  
T08T80" 02058260

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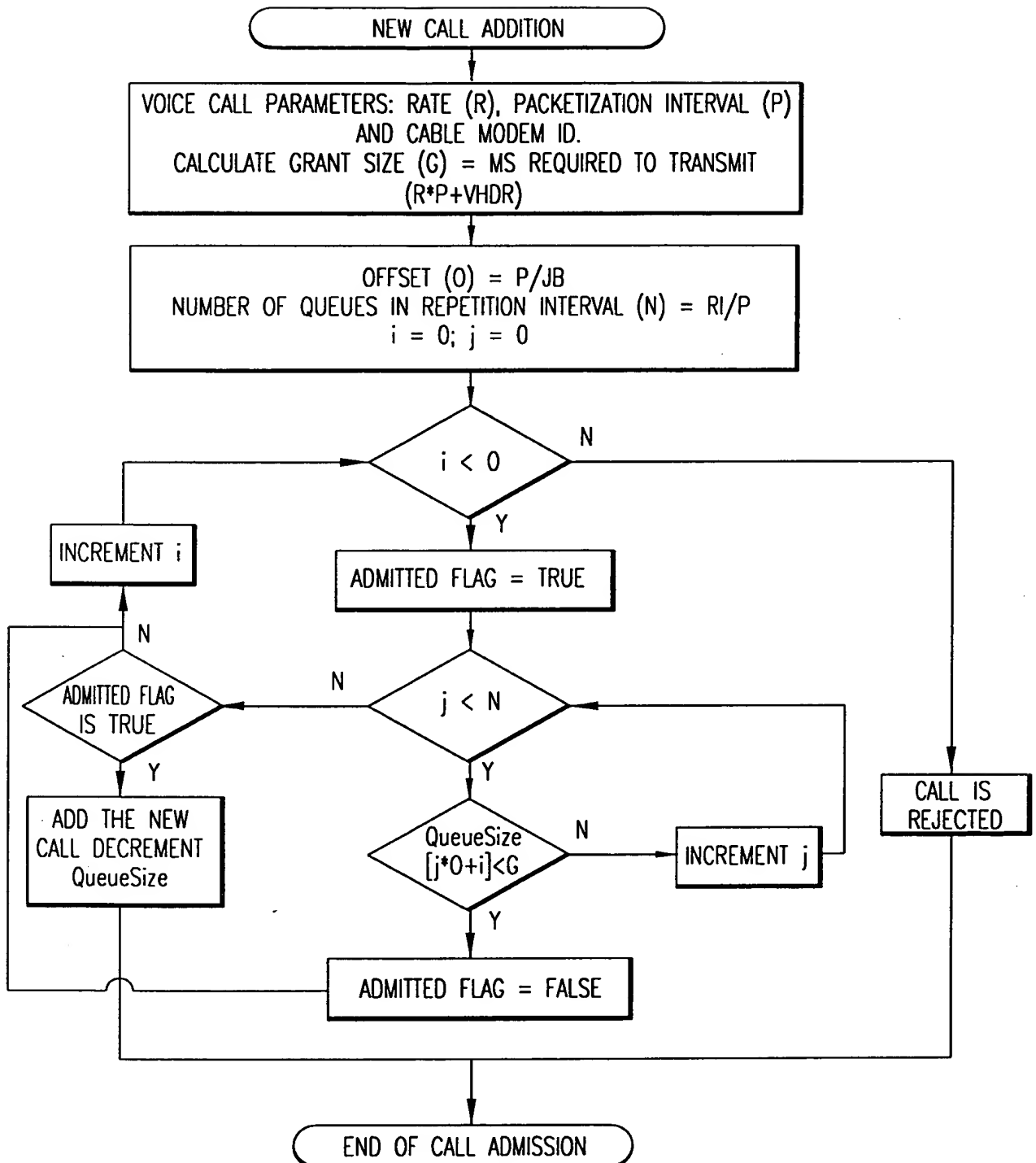
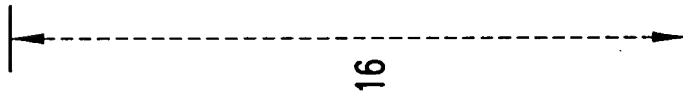


FIG.8



1:1 3 MS	3:0 7 MS	2:0 4 MS	1:0 2 MS

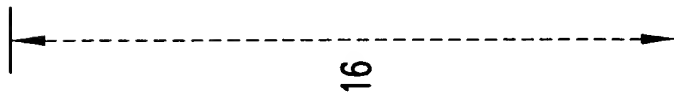
2:1 3 MS	4:0 7 MS	1:0 2 MS

1:1 3 MS	2:0 4 MS	1:0 2 MS
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2:1 3 MS	1:0 2 MS
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CALL ADMISSION: UNBALANCED

FIG.9



2:1 3 MS
1:1 3 MS
2:0 4 MS
1:0 2 MS

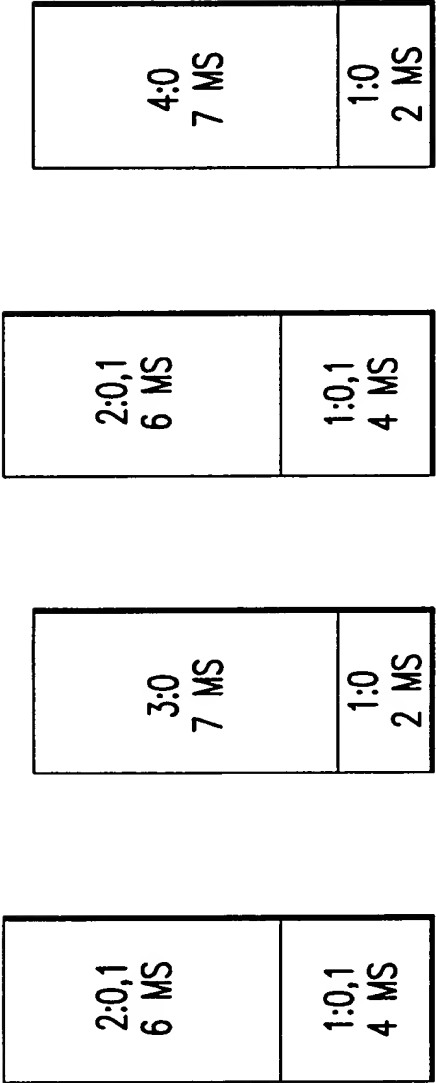
3:0 7 MS
1:0 2 MS

2:1 3 MS
1:1 3 MS
2:0 4 MS
1:0 2 MS

4:0 7 MS
1:0 2 MS

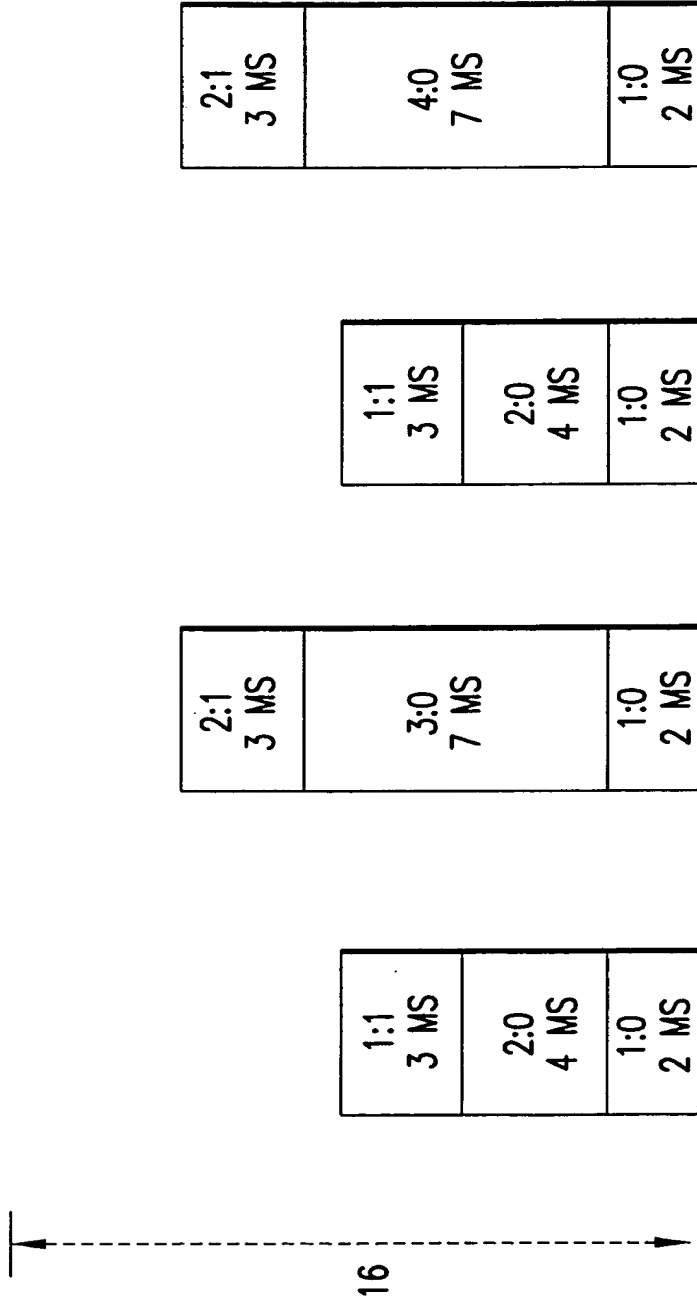
CALL ADMISSION: BALANCED

FIG.10



CALL ADMISSION: BALANCED WITH CONCATENATION

FIG.11



CALL ADMISSION: BALANCED AND DISTRIBUTED CM ALLOCATION

FIG.12

## (PERIODIC) UNSOLICITED GRANT SERVICE (UGS)

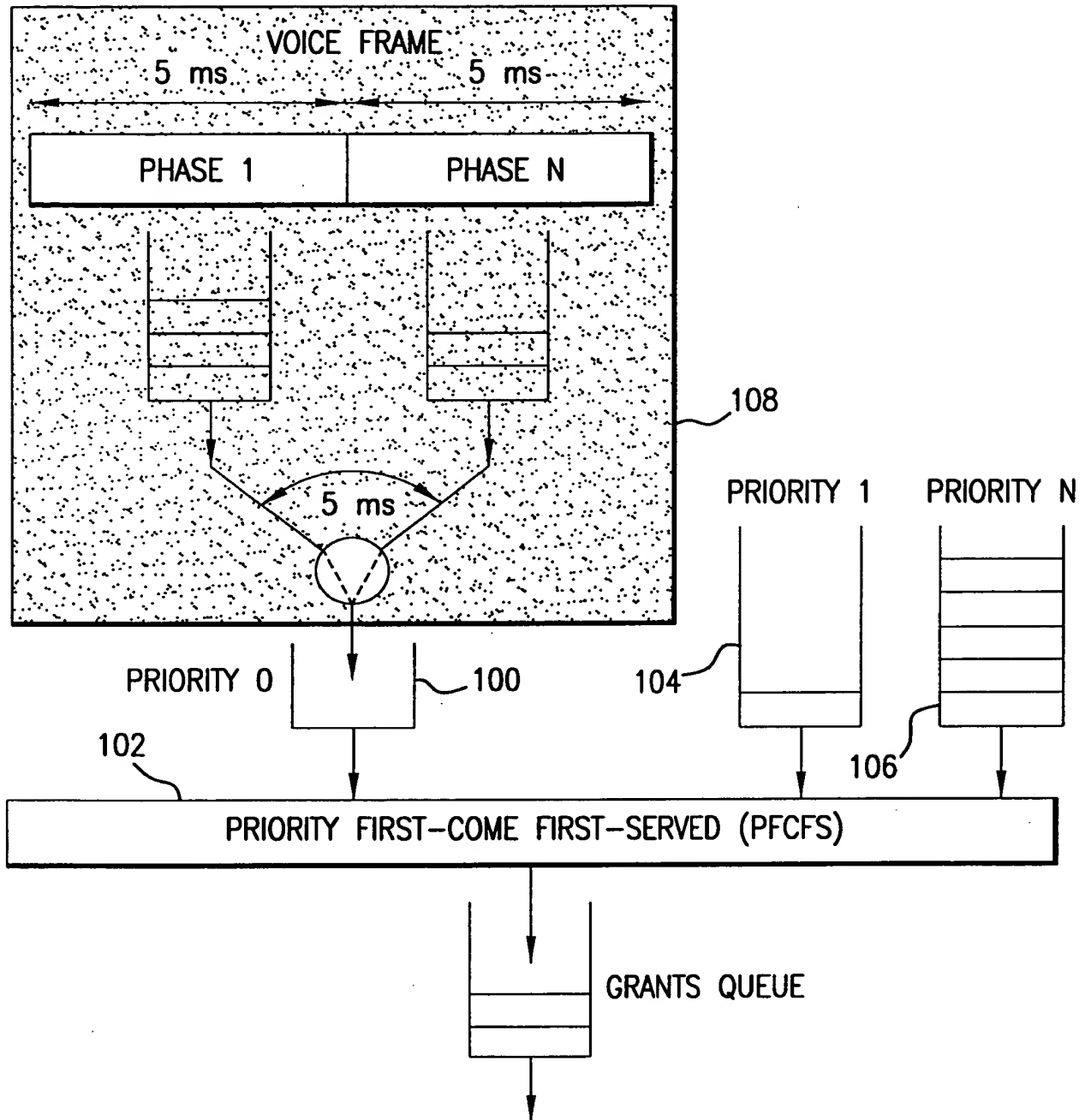


FIG.13

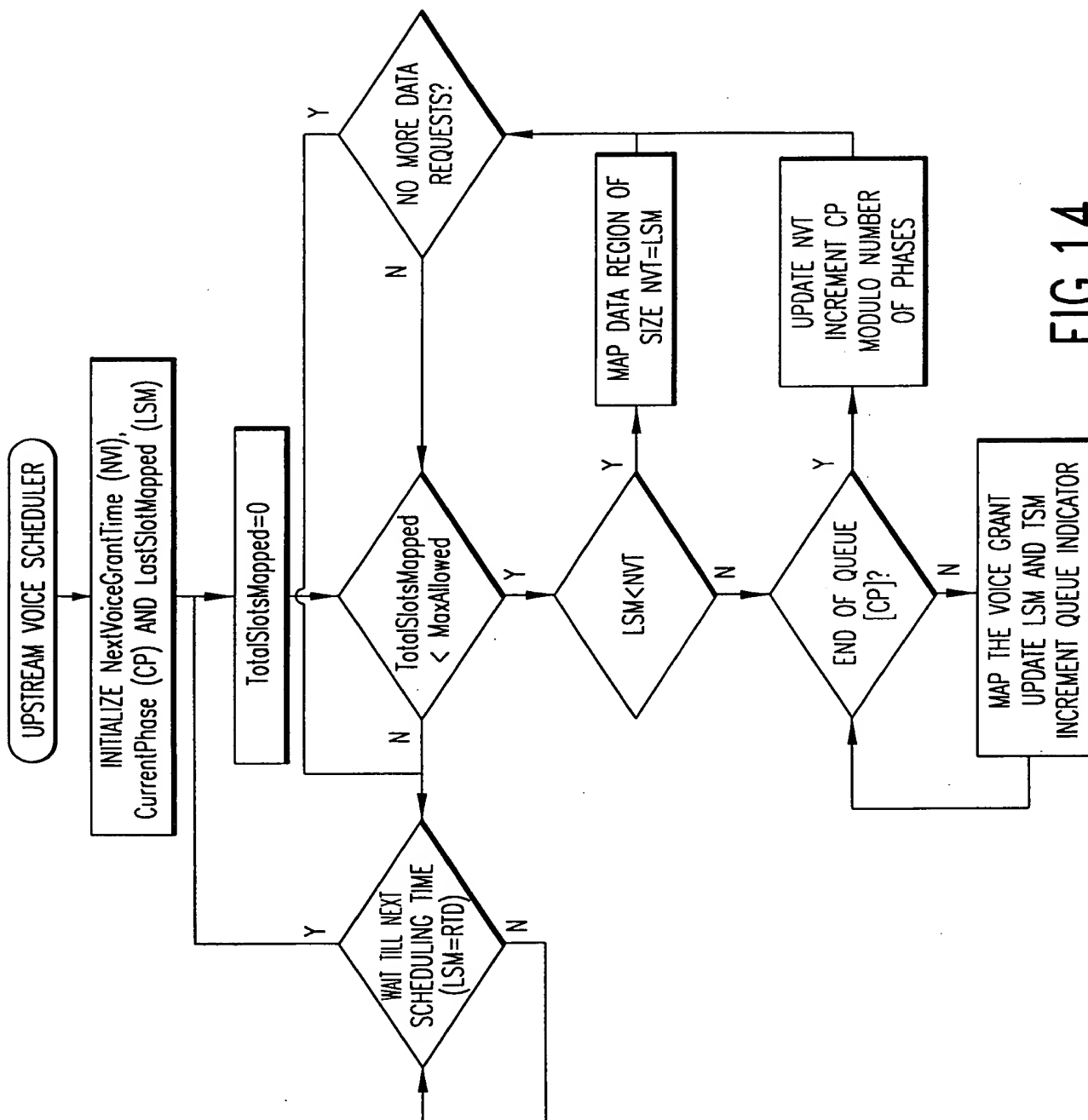


FIG.14



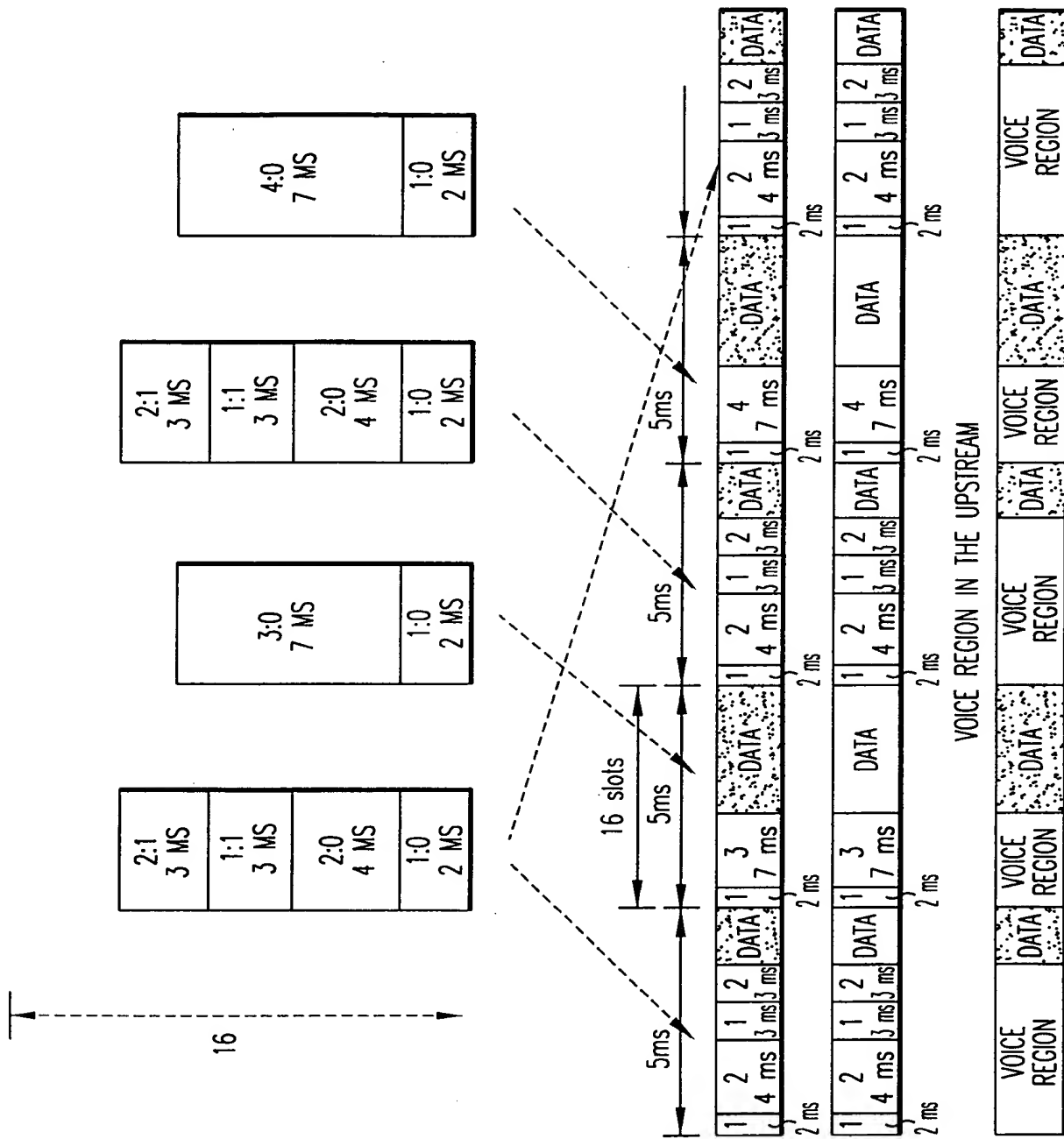


FIG. 15

VOICE SCHEDULING: MAPPING VOICE STATE INTO UPSTREAM GRANTS

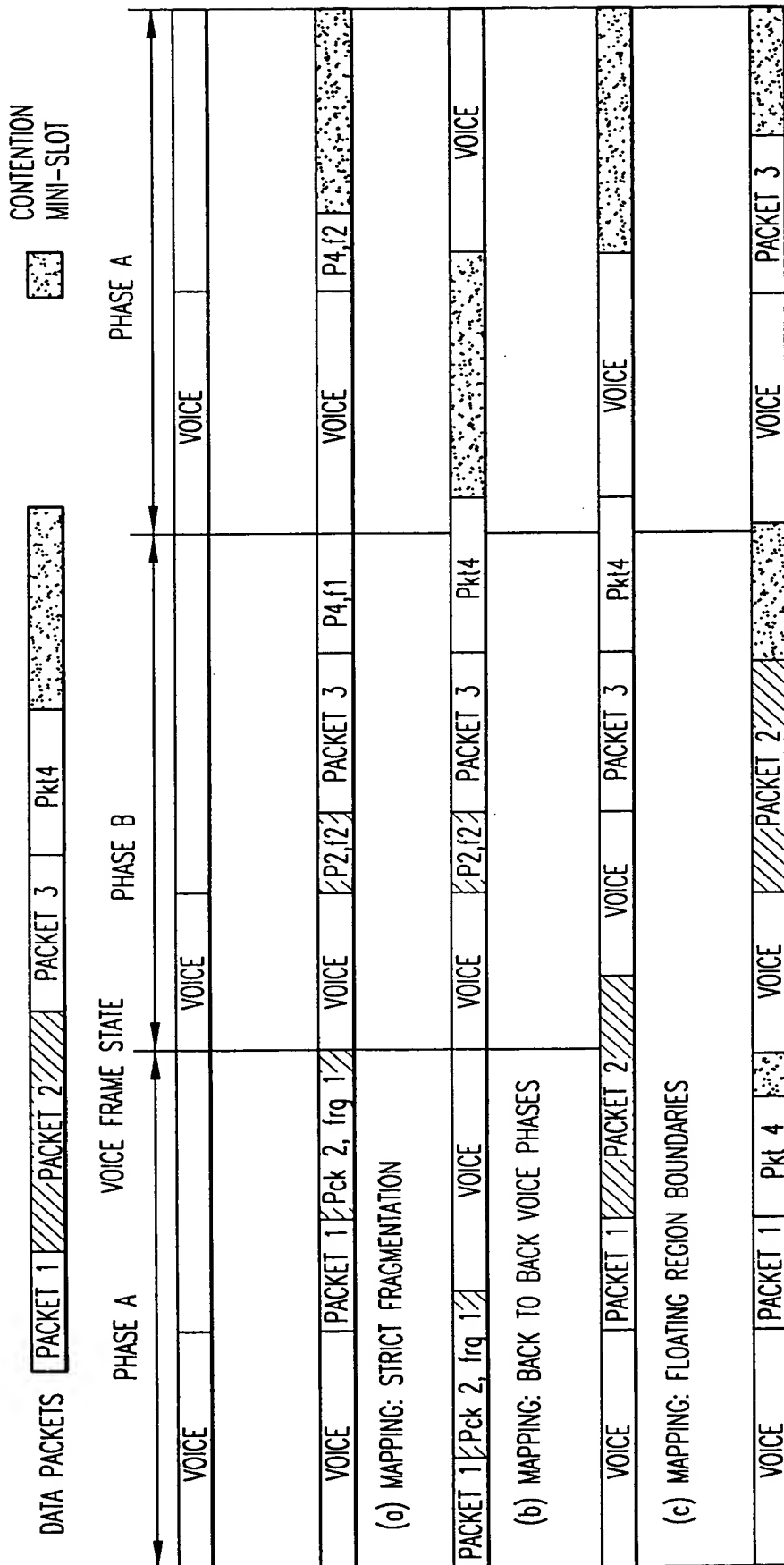


FIG.16

T08T80" 02058260

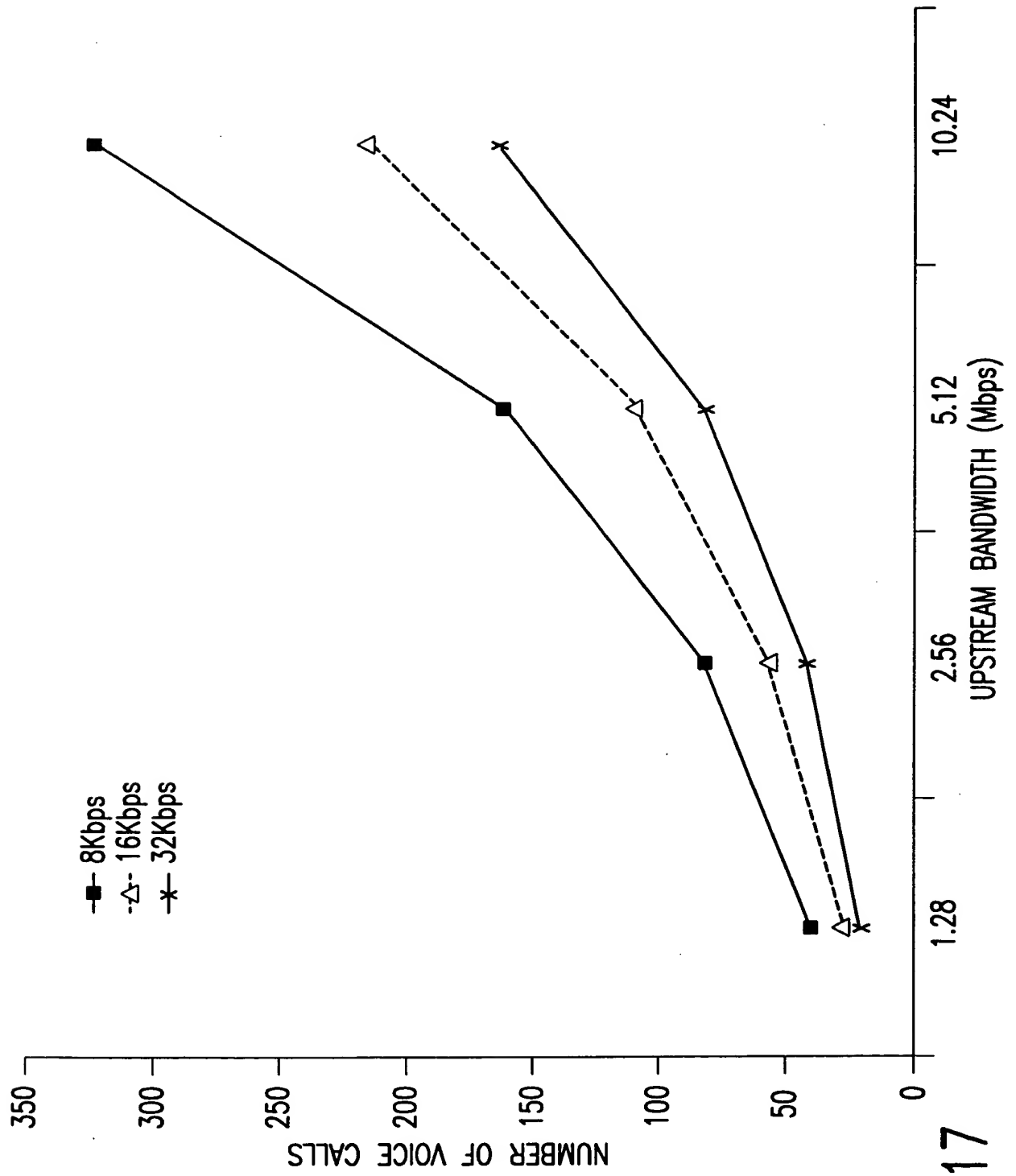


FIG.17

T08T80"02058,60

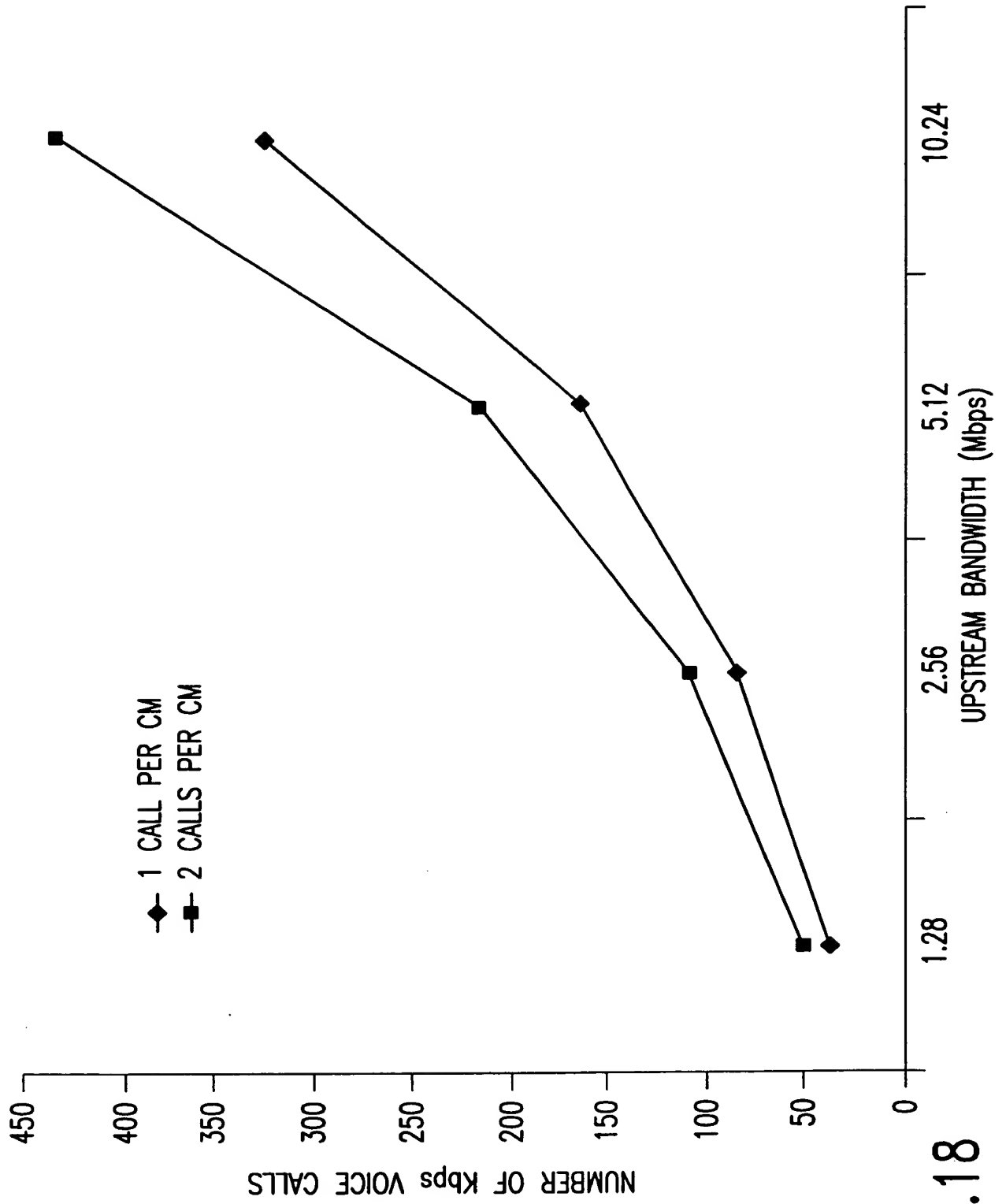


FIG.18

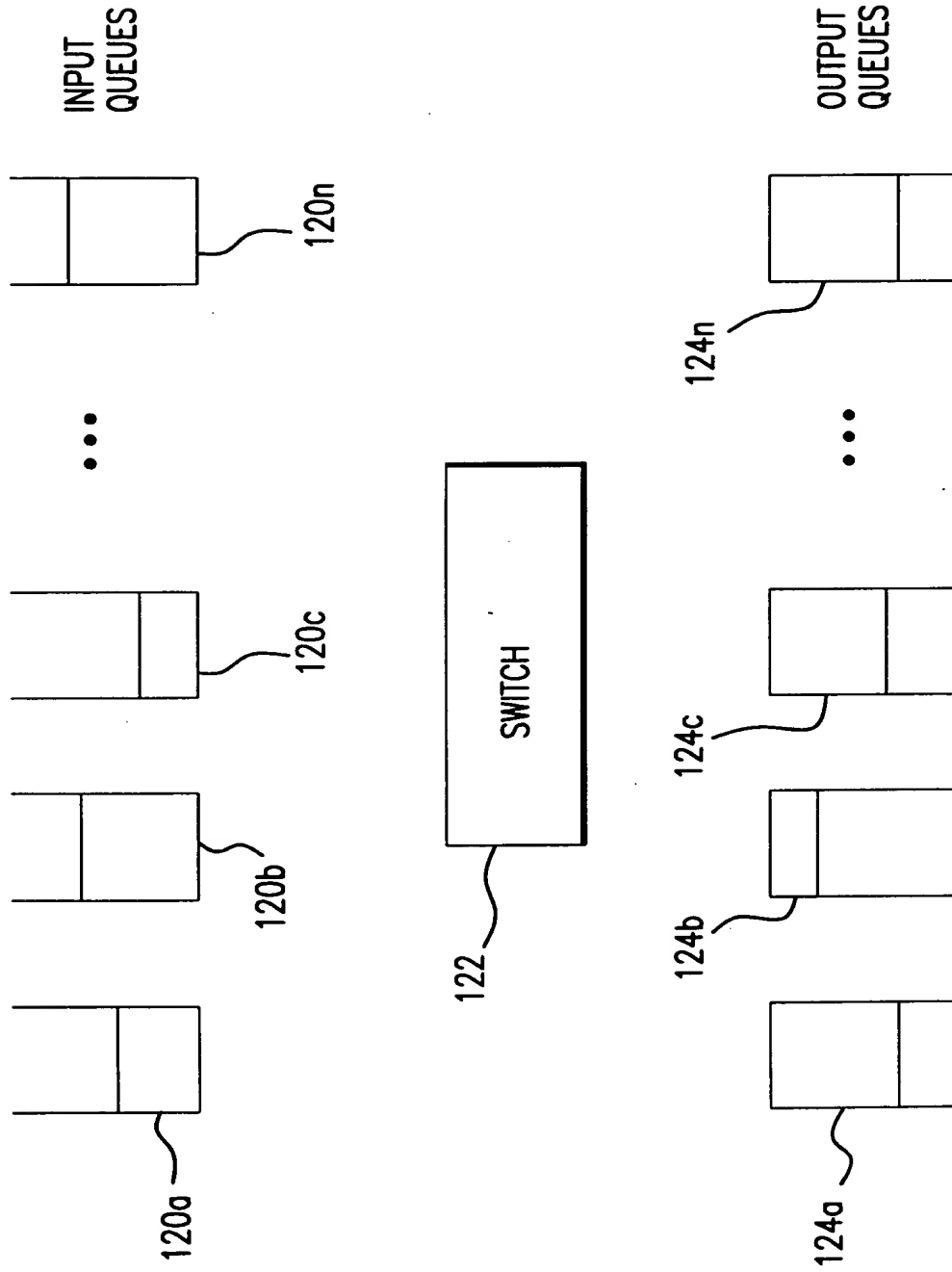


FIG.19